

FIG. 1

FIG. 1

1. ELECTRONIC COMMERCE SYSTEM
2. OPEN SYSTEM
3. INFORMATION COMMUNICATIONS SYSTEM
4. A COMPANY
5. ENVIRONMENT SYSTEM
6. DISTRIBUTED SYSTEM
7. ELECTRONIC BANKING SYSTEM
8. RETRIEVAL SYSTEM
9. NEW SYSTEM
10. SETTLEMENT SYSTEM
11. INFORMATION SYSTEM
12. INTEGRATED SYSTEM
13. BASIC BUSINESS SYSTEM
14. TRAINING SYSTEM
15. BUSINESS SYSTEM
16. BASIC SYSTEM
17. B COMPANY
18. C COMPANY

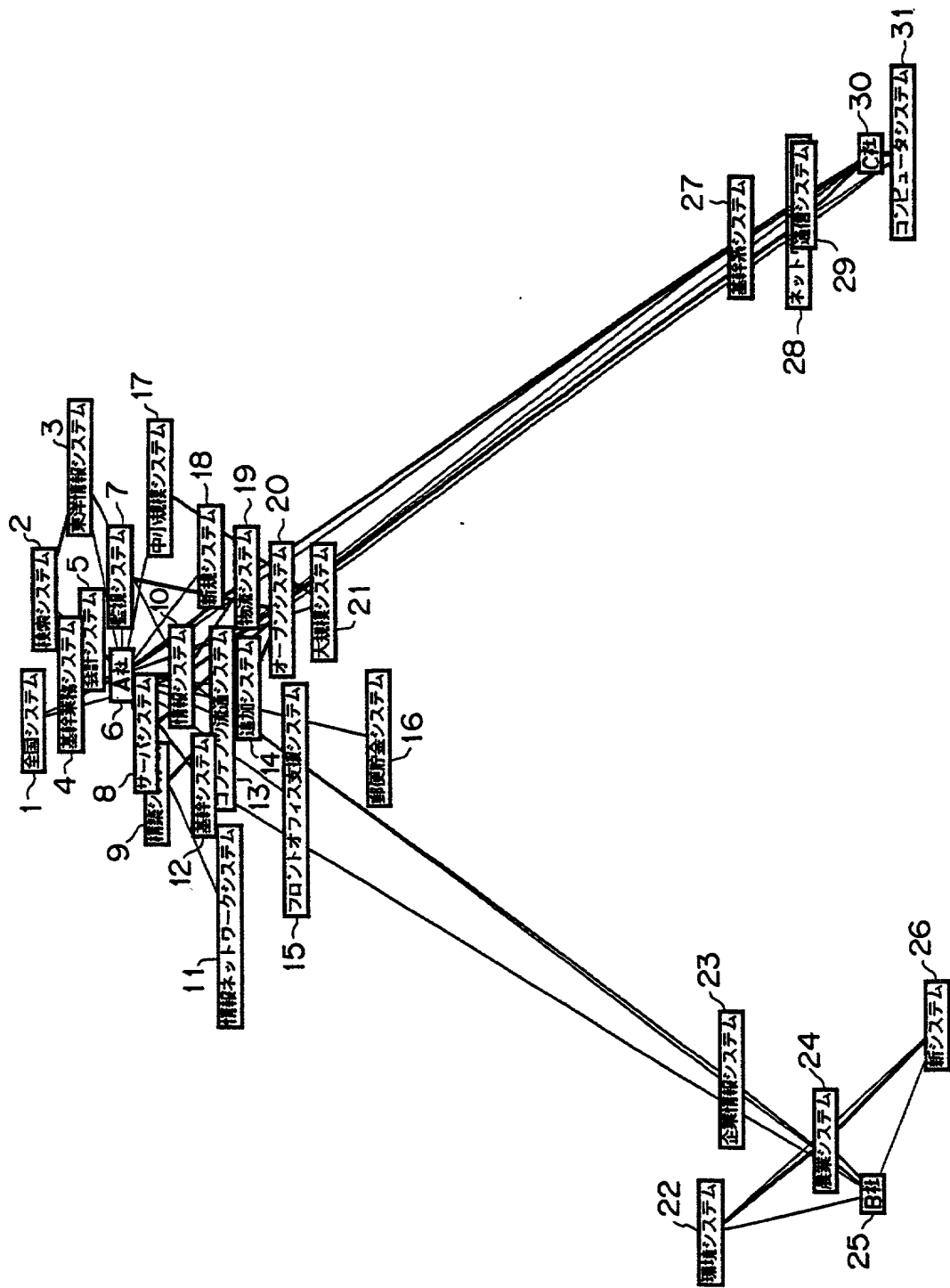


FIG. 2

FIG. 2

1. NATIONAL SYSTEM
2. RETRIEVAL SYSTEM
3. TOYO INFORMATION SYSTEMS
4. BASIC BUSINESS SYSTEM
5. ACCOUNTING SYSTEM
6. A COMPANY
7. MONITORING SYSTEM
8. SERVER SYSTEM
9. CONSTRUCTION SYSTEM
10. INFORMATION SYSTEM
11. INFORMATION NETWORK SYSTEM
12. BASIC SYSTEM
13. CONTENTS DISTRIBUTION SYSTEM
14. ADDITIONAL SYSTEM
15. FRONT OFFICE SUPPORT SYSTEM
16. POSTAL SAVINGS SYSTEM
17. SMALL- AND MEDIUM-SCALE SYSTEM
18. NEW SYSTEM
19. DISTRIBUTION SYSTEM
20. OPEN SYSTEM
21. LARGE-SCALE SYSTEM
22. ENVIRONMENT SYSTEM
23. CORPORATE INFORMATION SYSTEM
24. AGRICULTURAL SYSTEM
25. B COMPANY
26. NEW SYSTEM
27. BASIC SYSTEM
28. NETWORK SYSTEM
29. COMMUNICATIONS SYSTEM
30. C COMPANY
31. COMPUTER SYSTEM

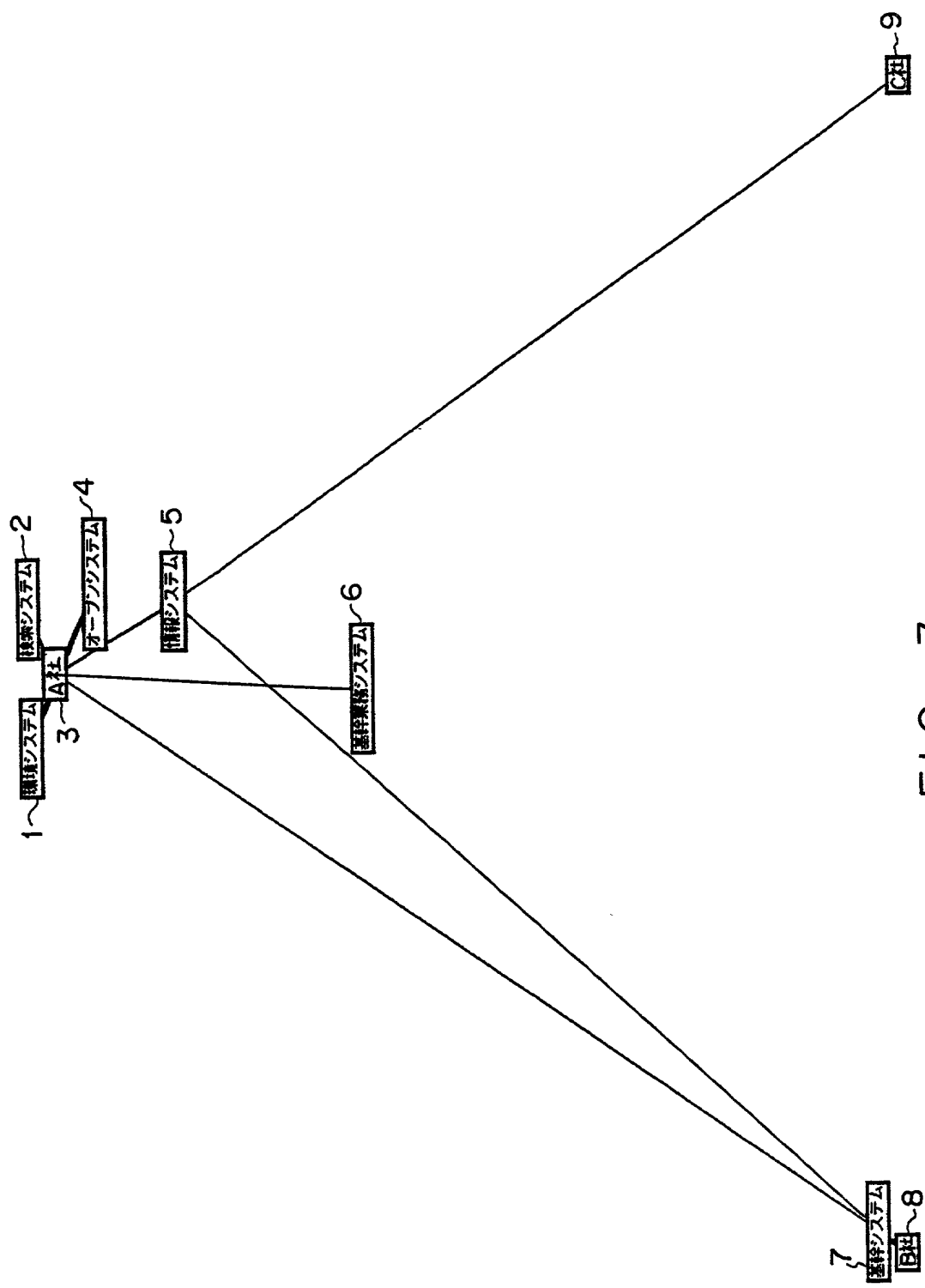


FIG. 3

FIG. 3

1. ENVIRONMENT SYSTEM
2. RETRIEVAL SYSTEM
3. A COMPANY
4. OPEN SYSTEM
5. INFORMATION SYSTEM
6. BASIC BUSINESS SYSTEM
7. BASIC SYSTEM
8. B COMPANY
9. C COMPANY

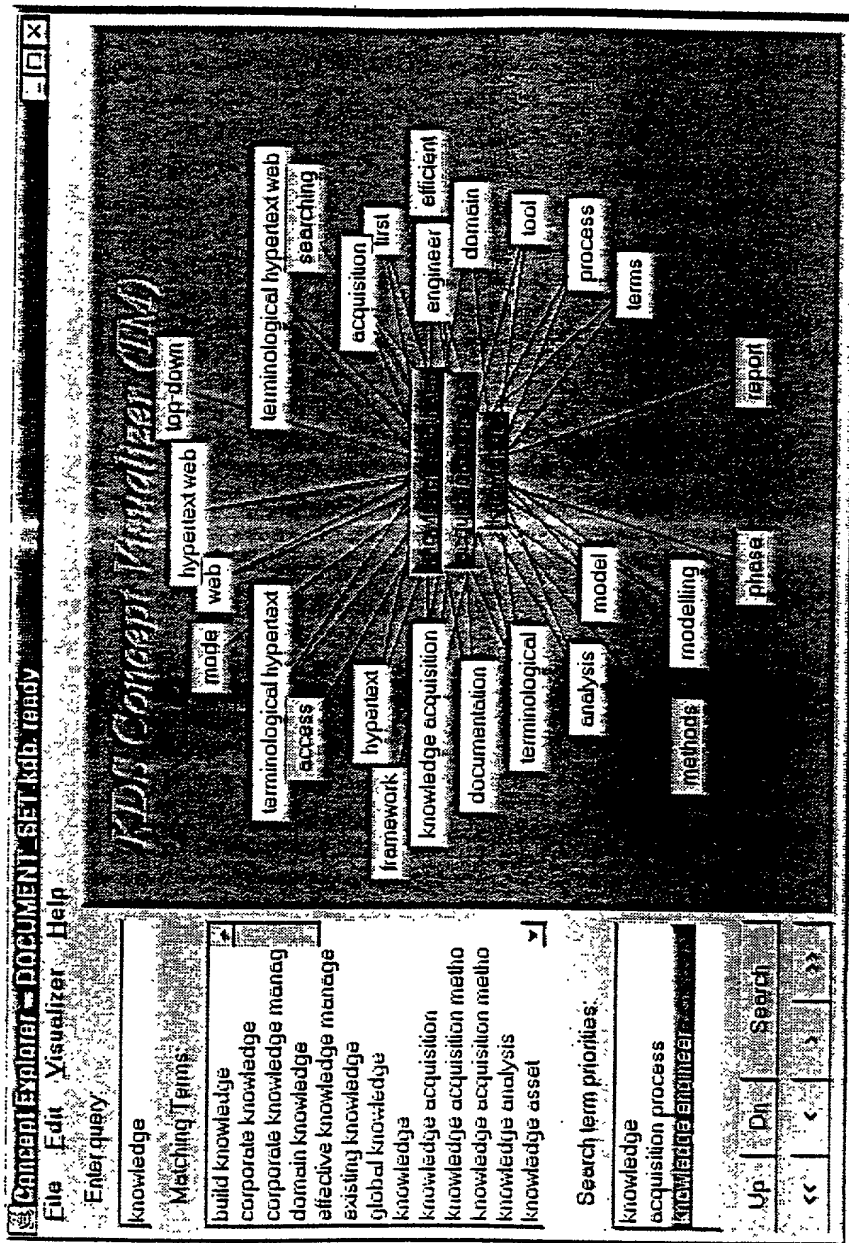


FIG. 4

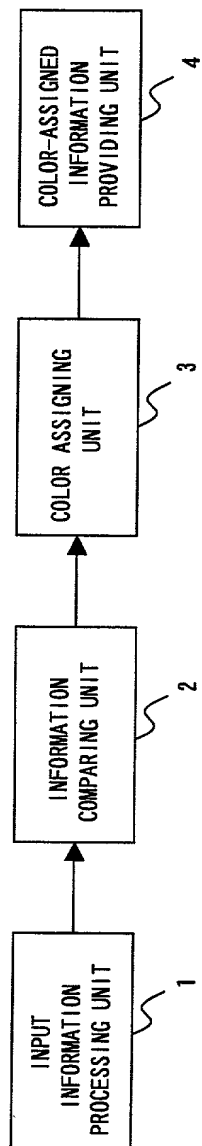


FIG. 5

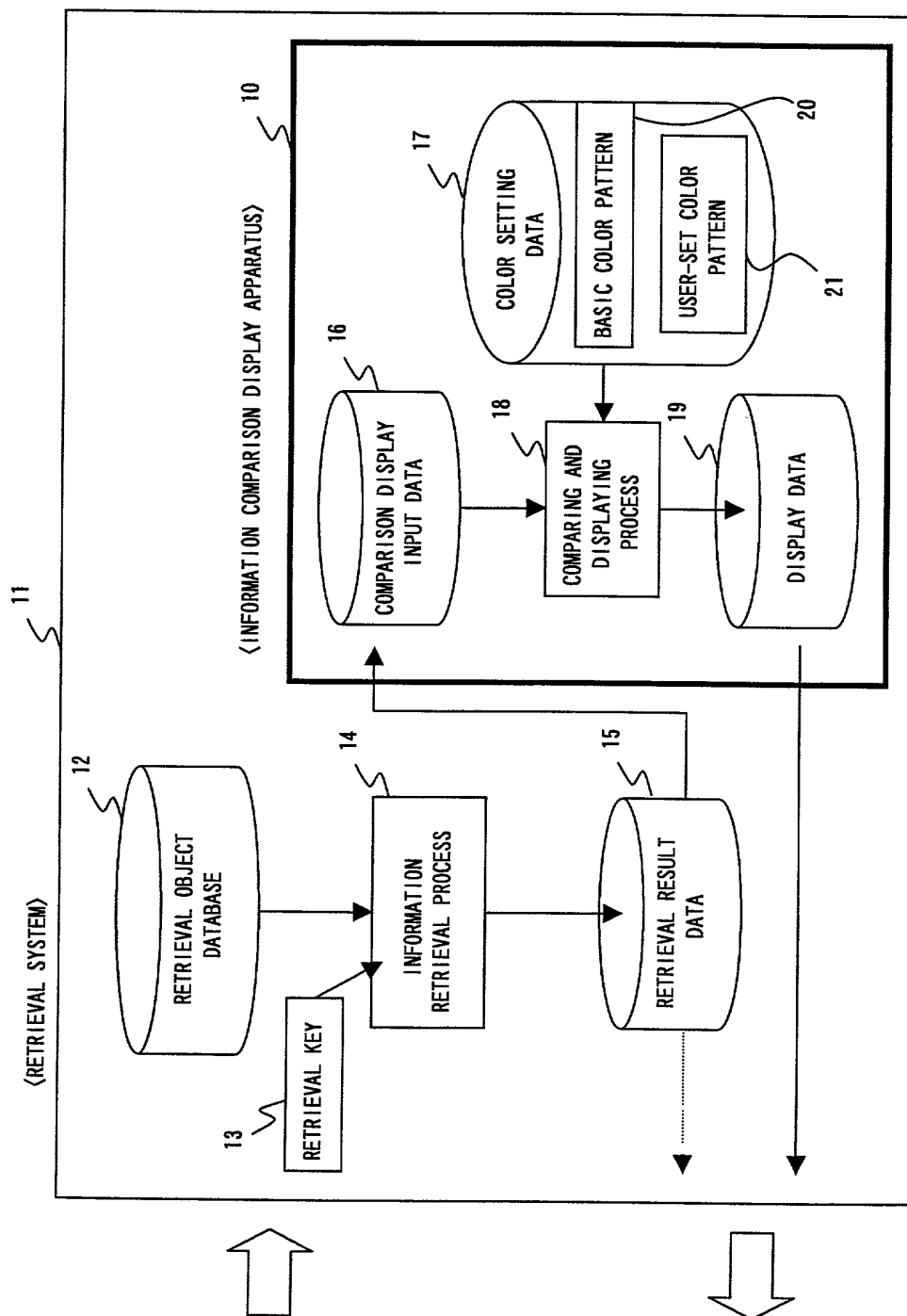


FIG. 6

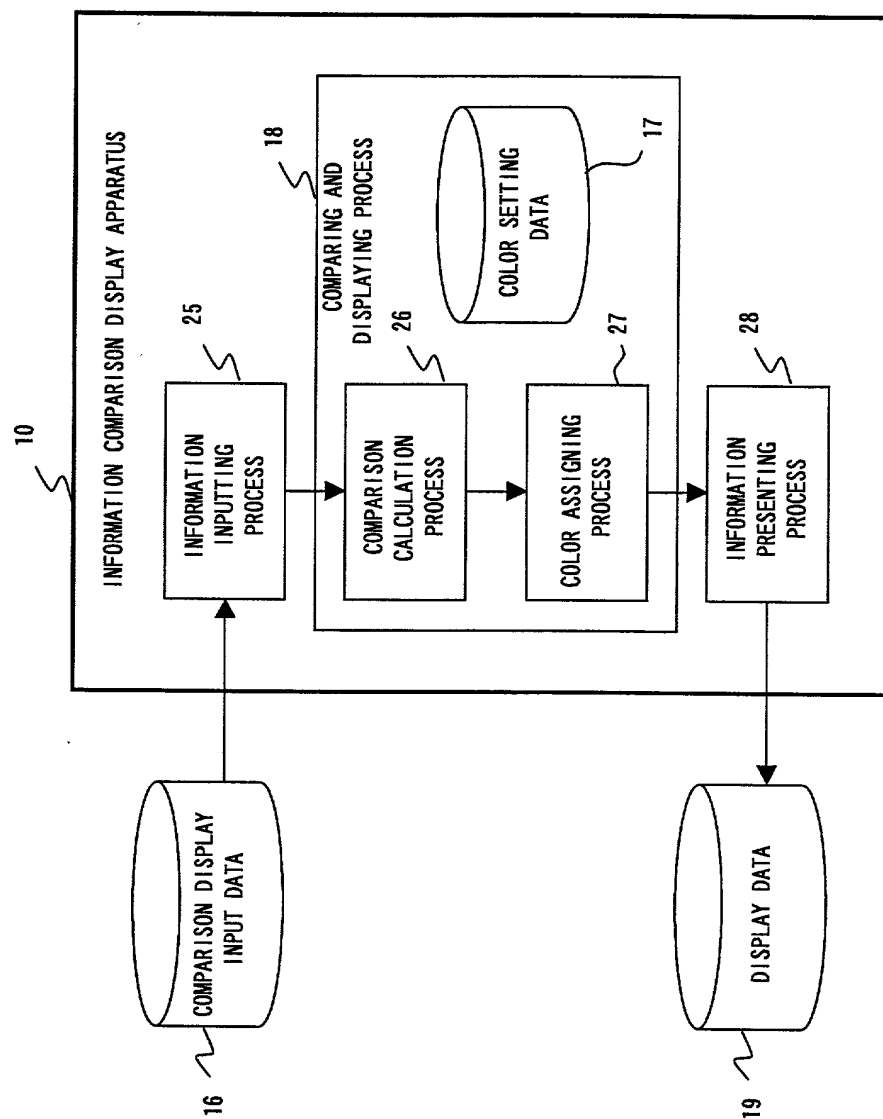


FIG. 7

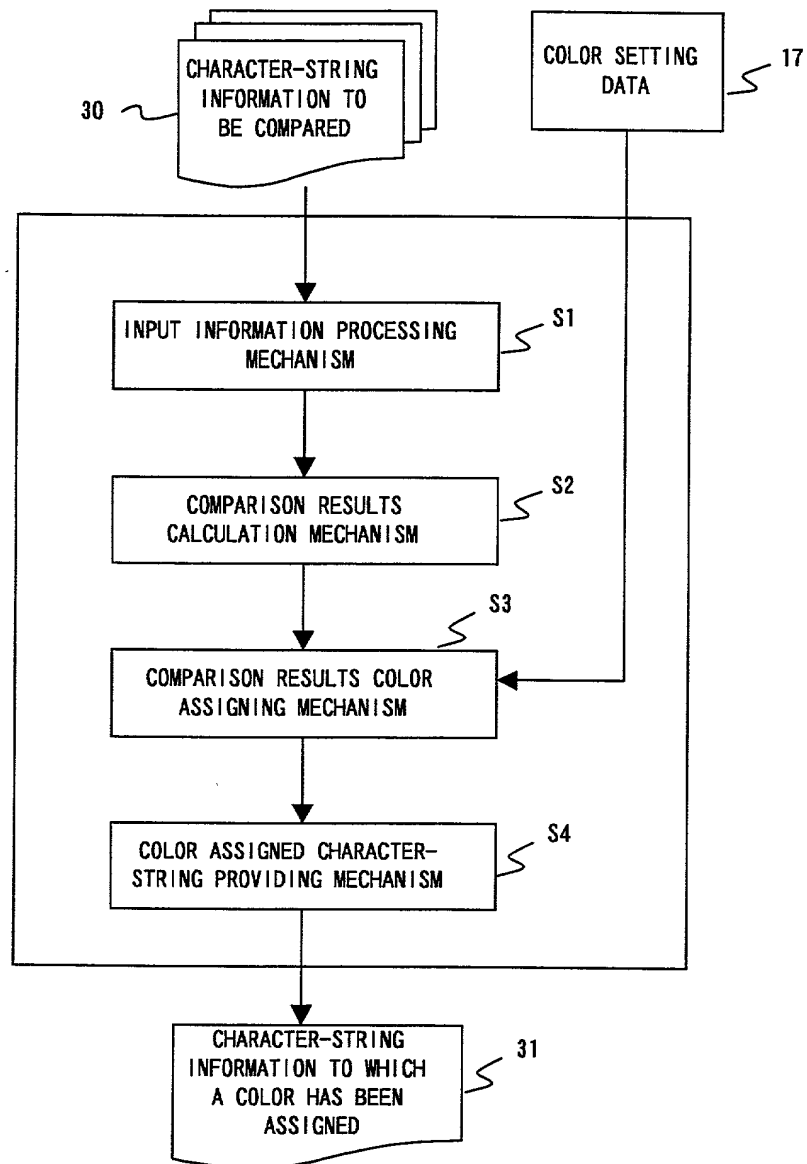


FIG. 8

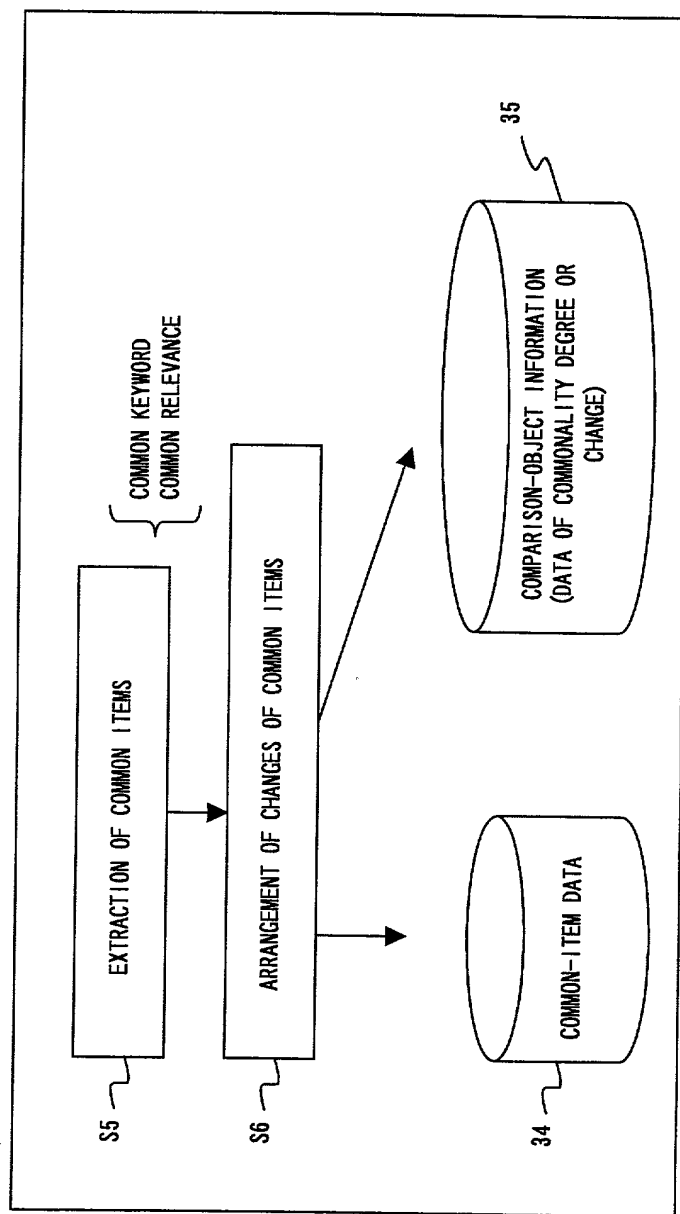
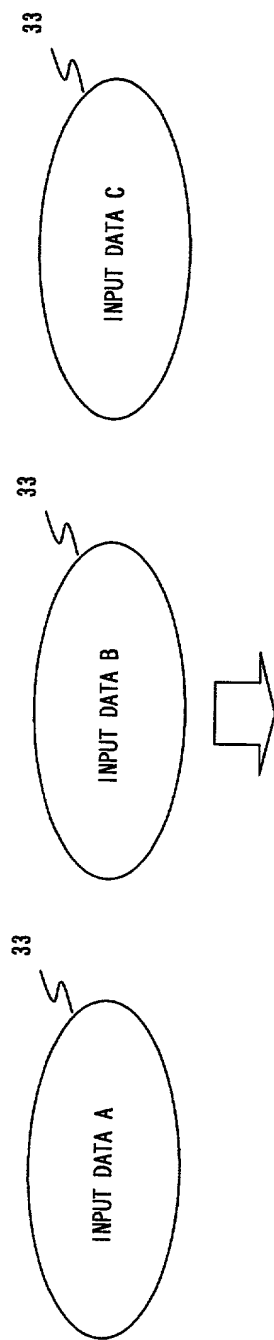


FIG. 9

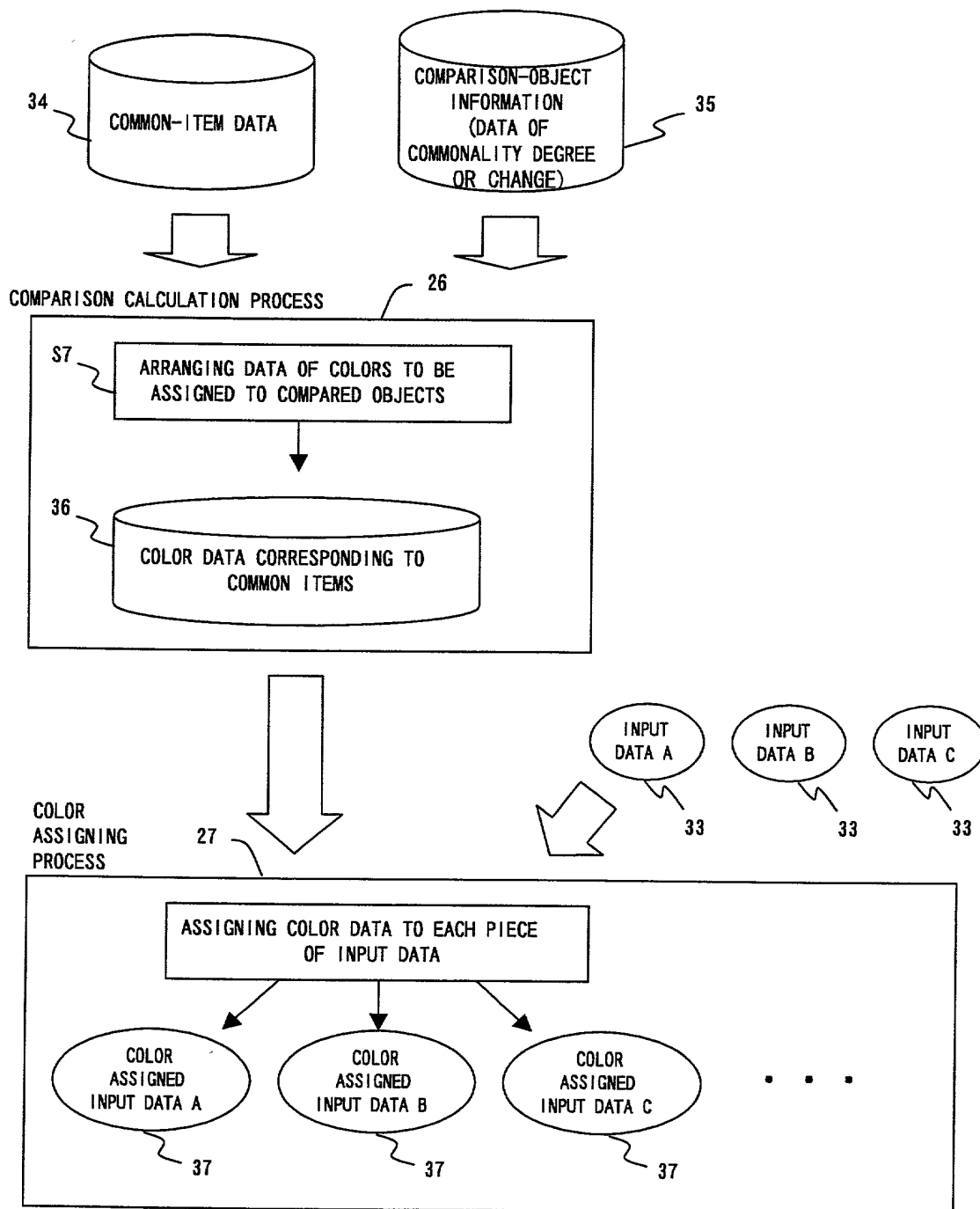


FIG. 10

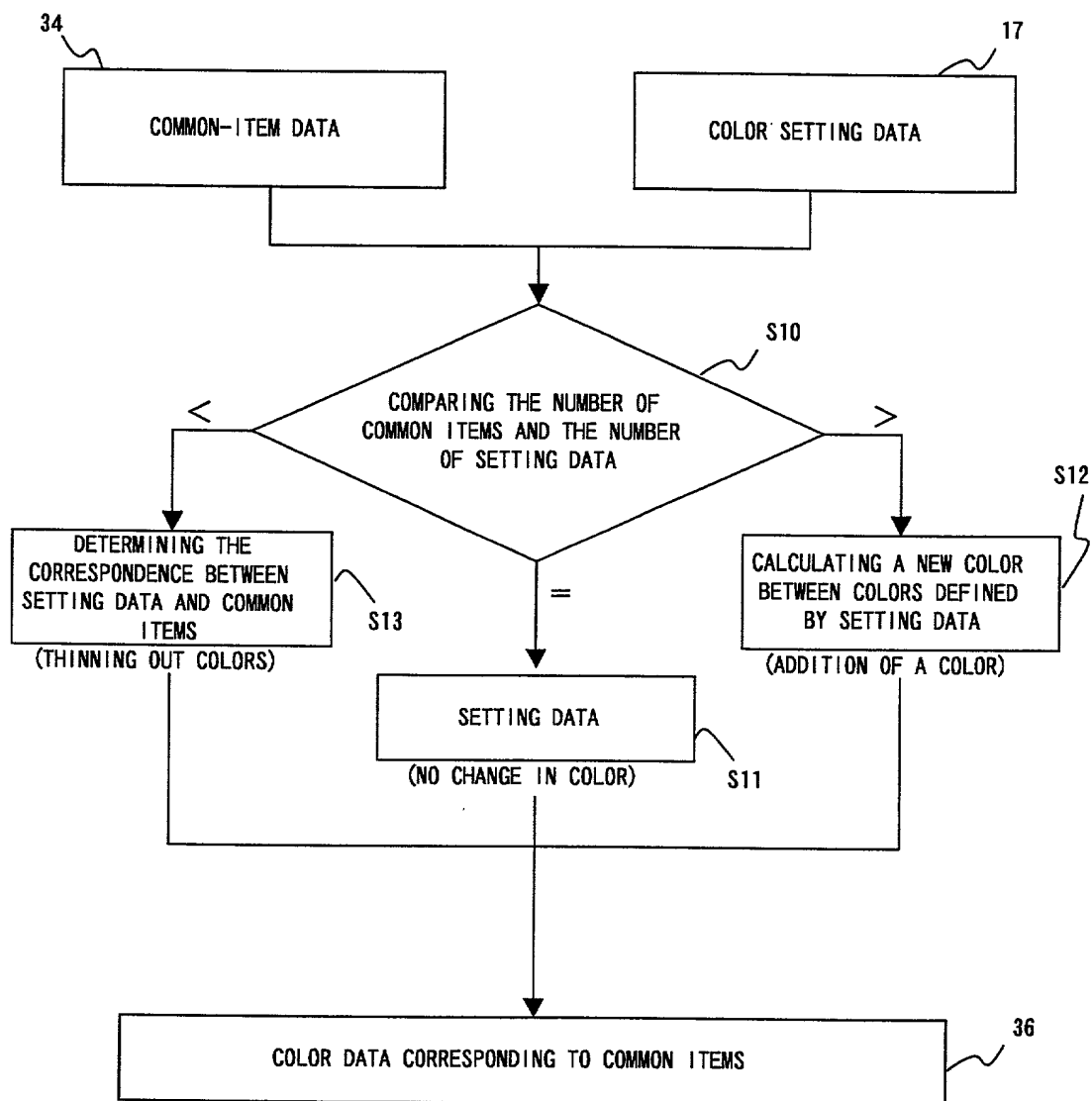


FIG. 11

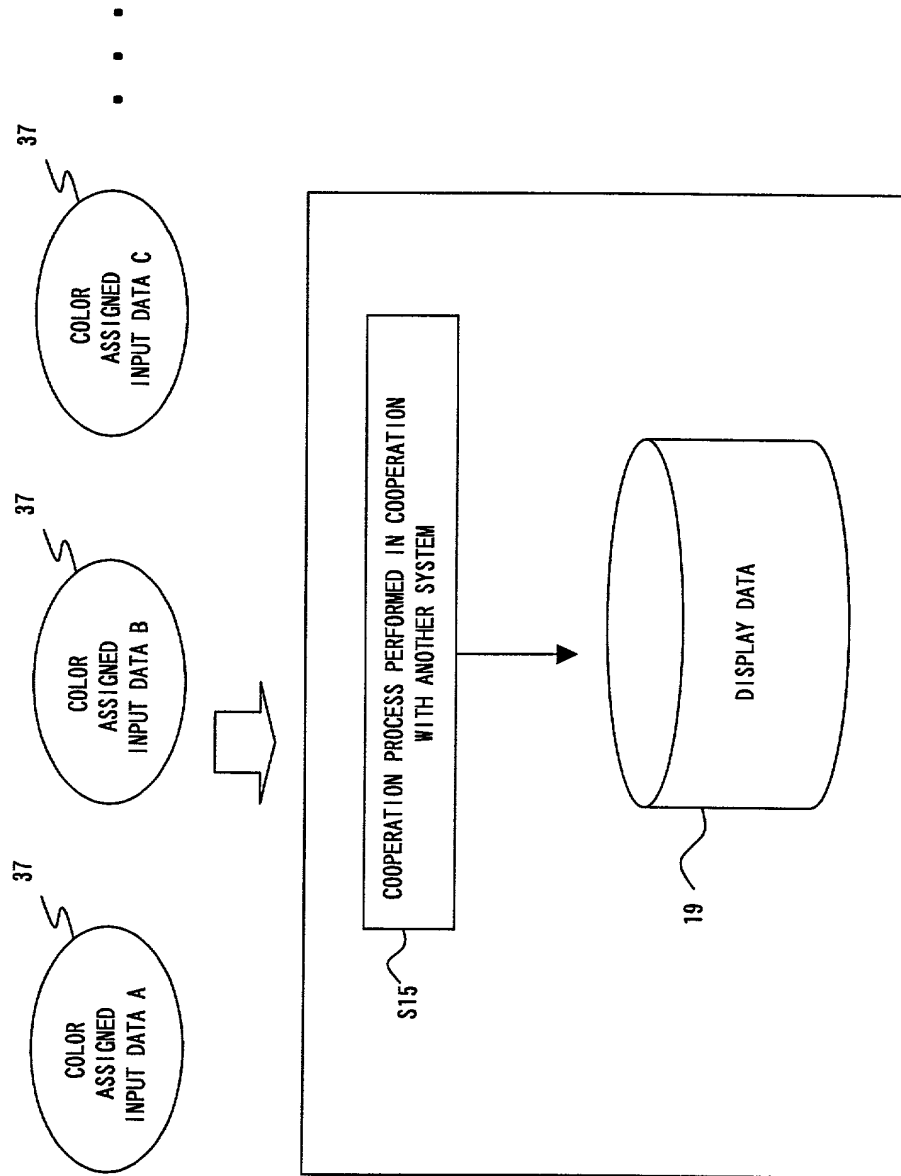


FIG. 12

FREQUENCY OF OCCURRENCE	BASE COLOR	RGB
1	GRAY	888888
2	BLUE	0000FF
3	RED	FF0000

FIG. 13

FREQUENCY OF
OCCURRENCE

N (COMMON NODE)

N-1

N-2

N-3

.

1 (INHERENT NODE)

BASE COLOR

RED

GREEN

YELLOW

LIGHT BLUE

GRAY

F I G. 1 4

FREQUENCY OF OCCURRENCE OF AN ITEM IN INPUT DATA	FREQUENCY OF OCCURRENCE
0, 1	1
2, 3	2
4 OR MORE	3

FIG. 15

FIG. 16

FIG. 17

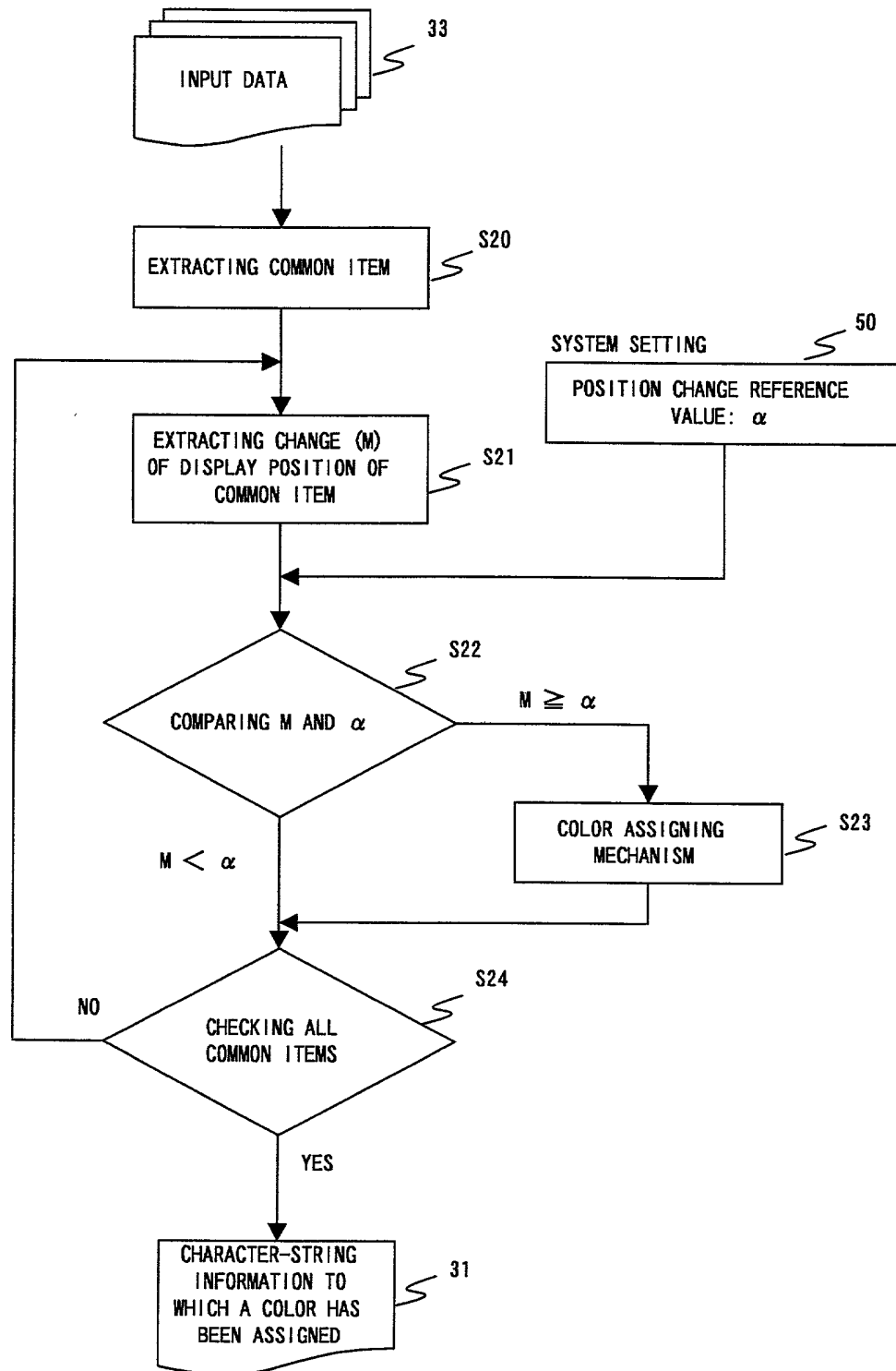


FIG. 18

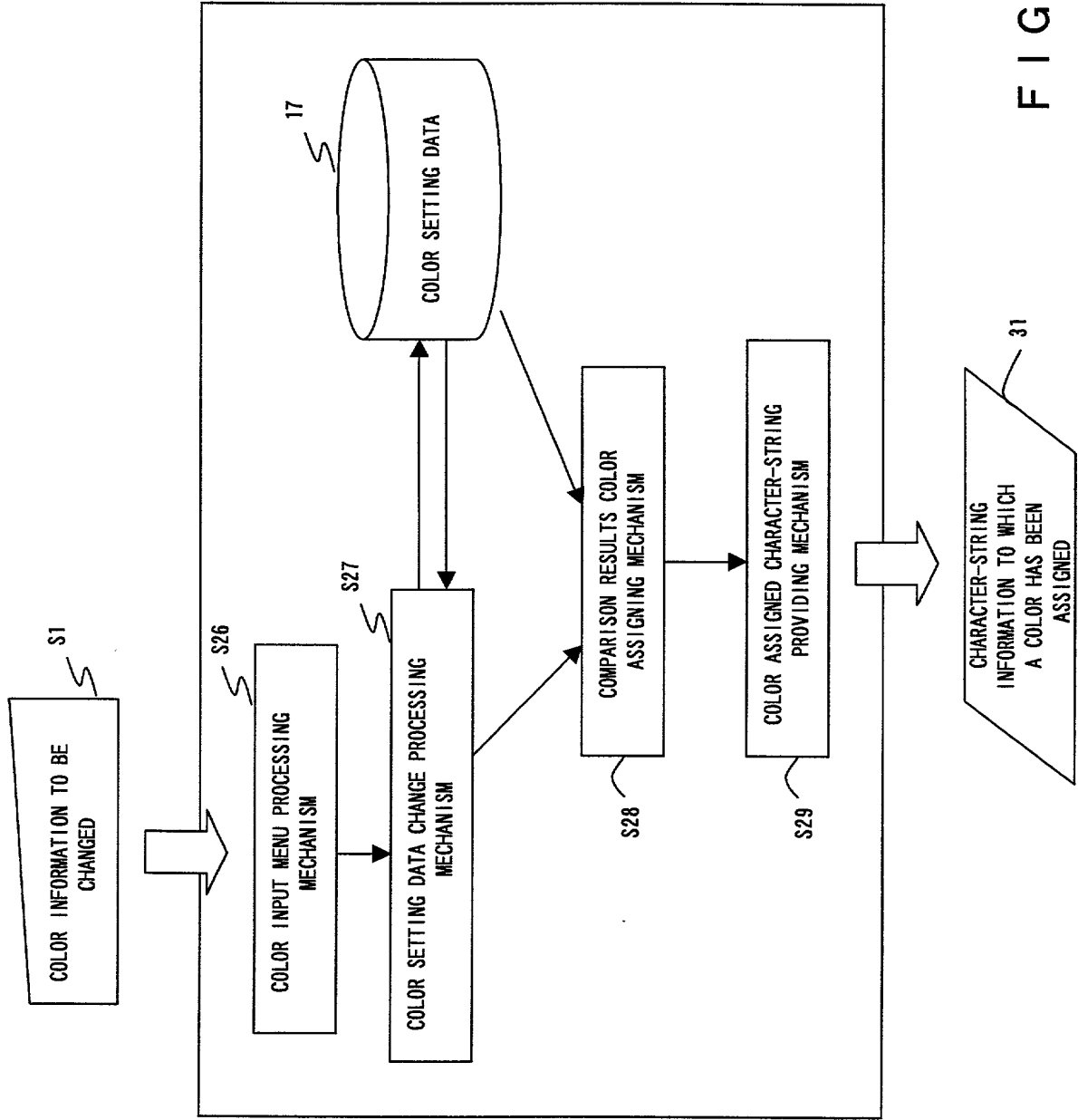


FIG. 19

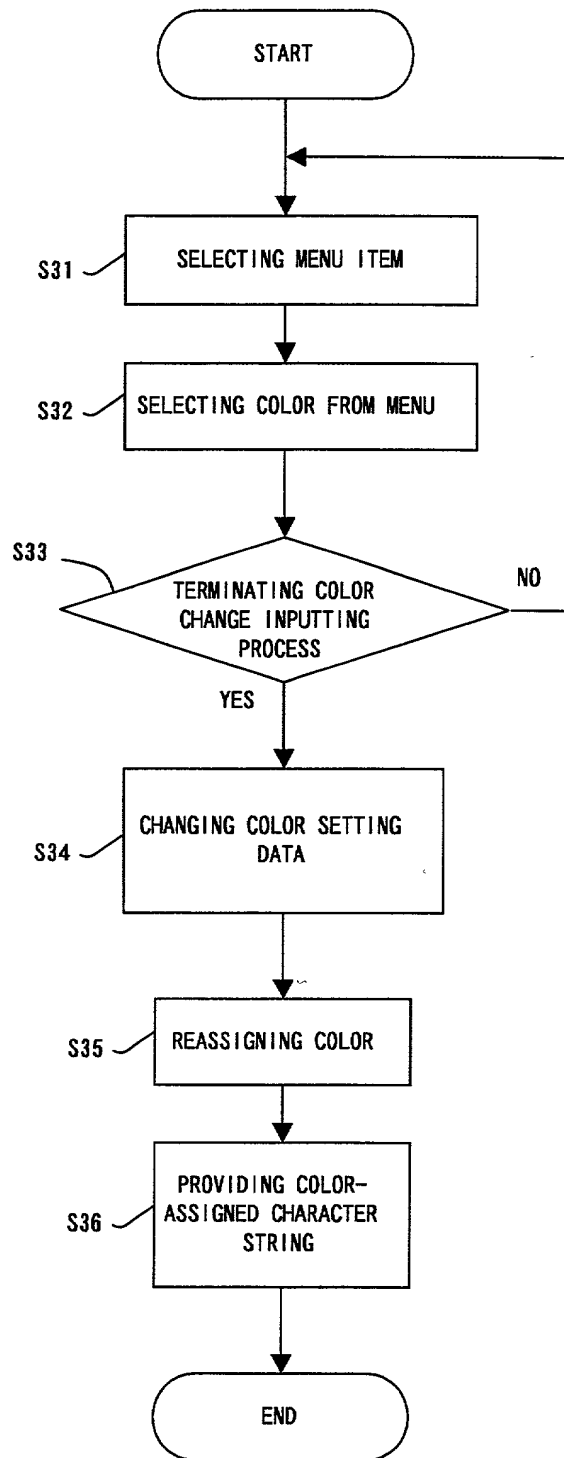


FIG. 20

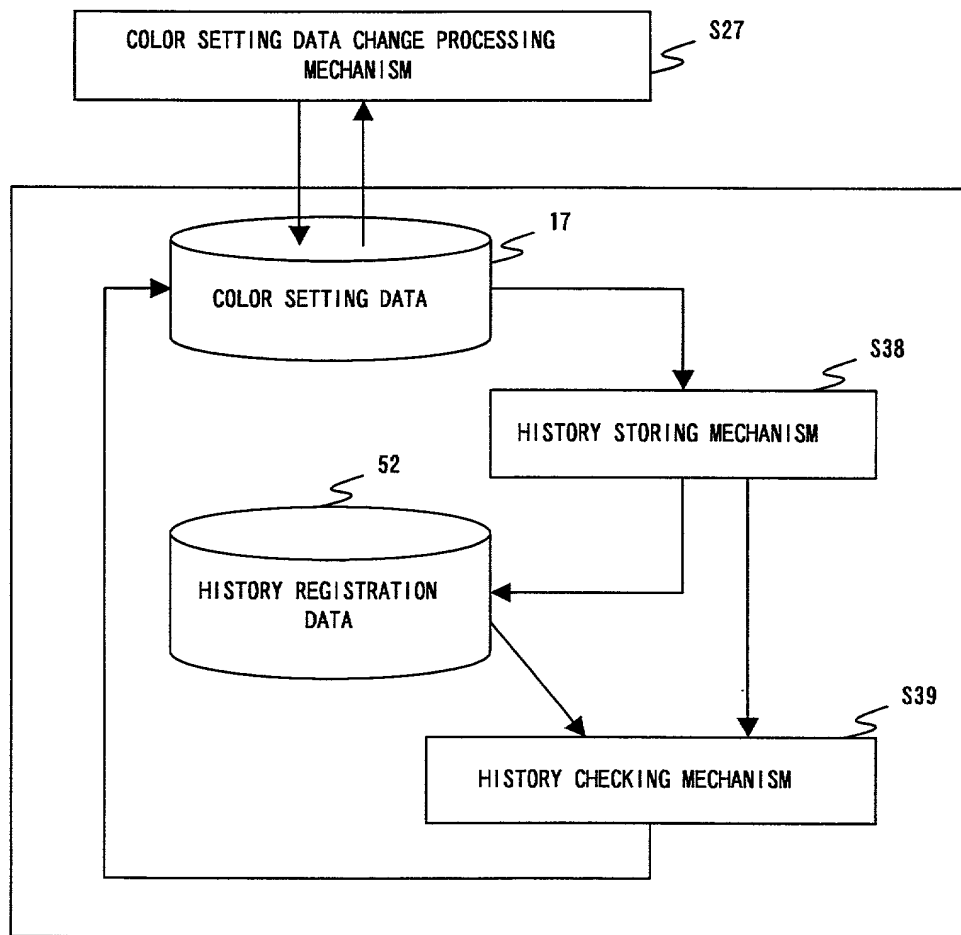


FIG. 21

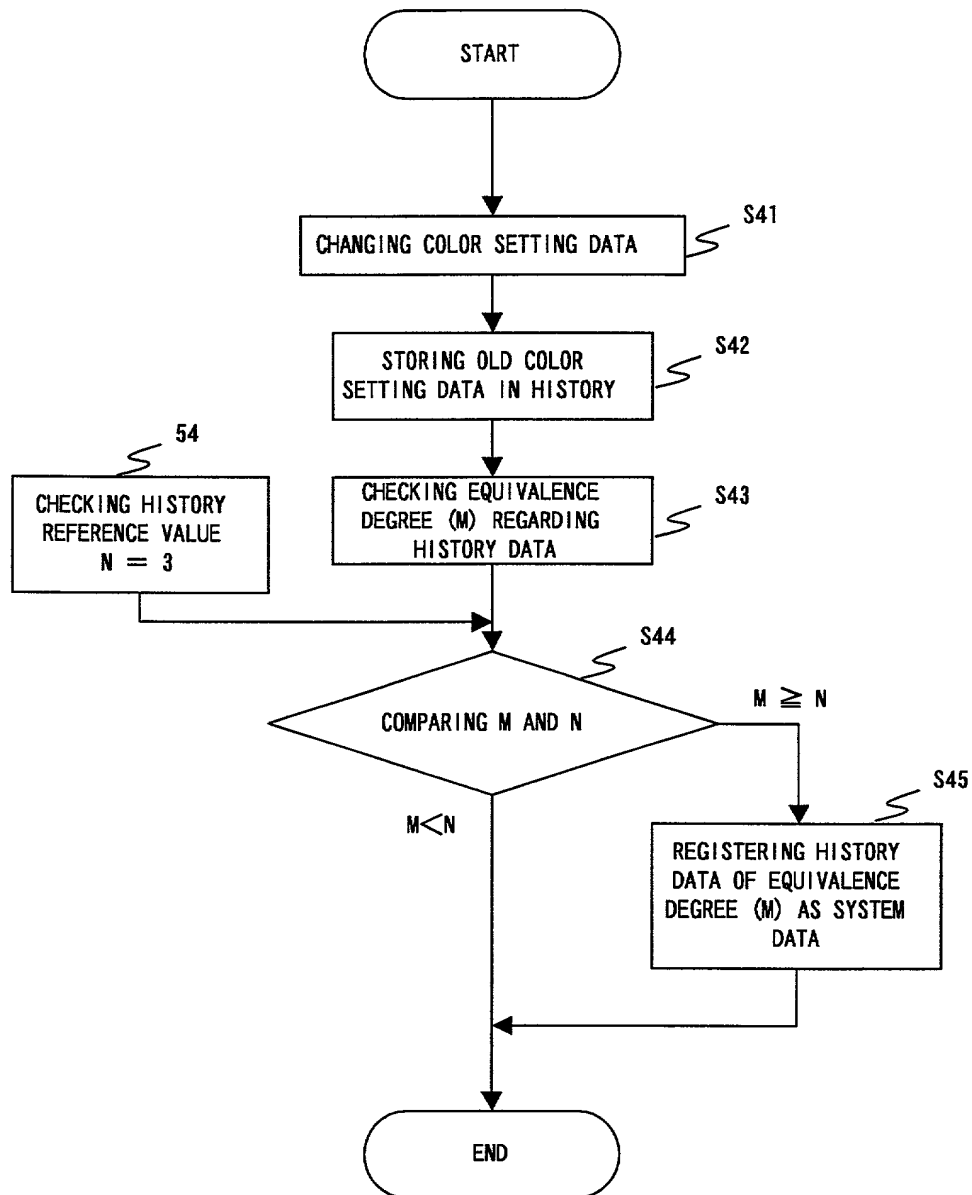


FIG. 22

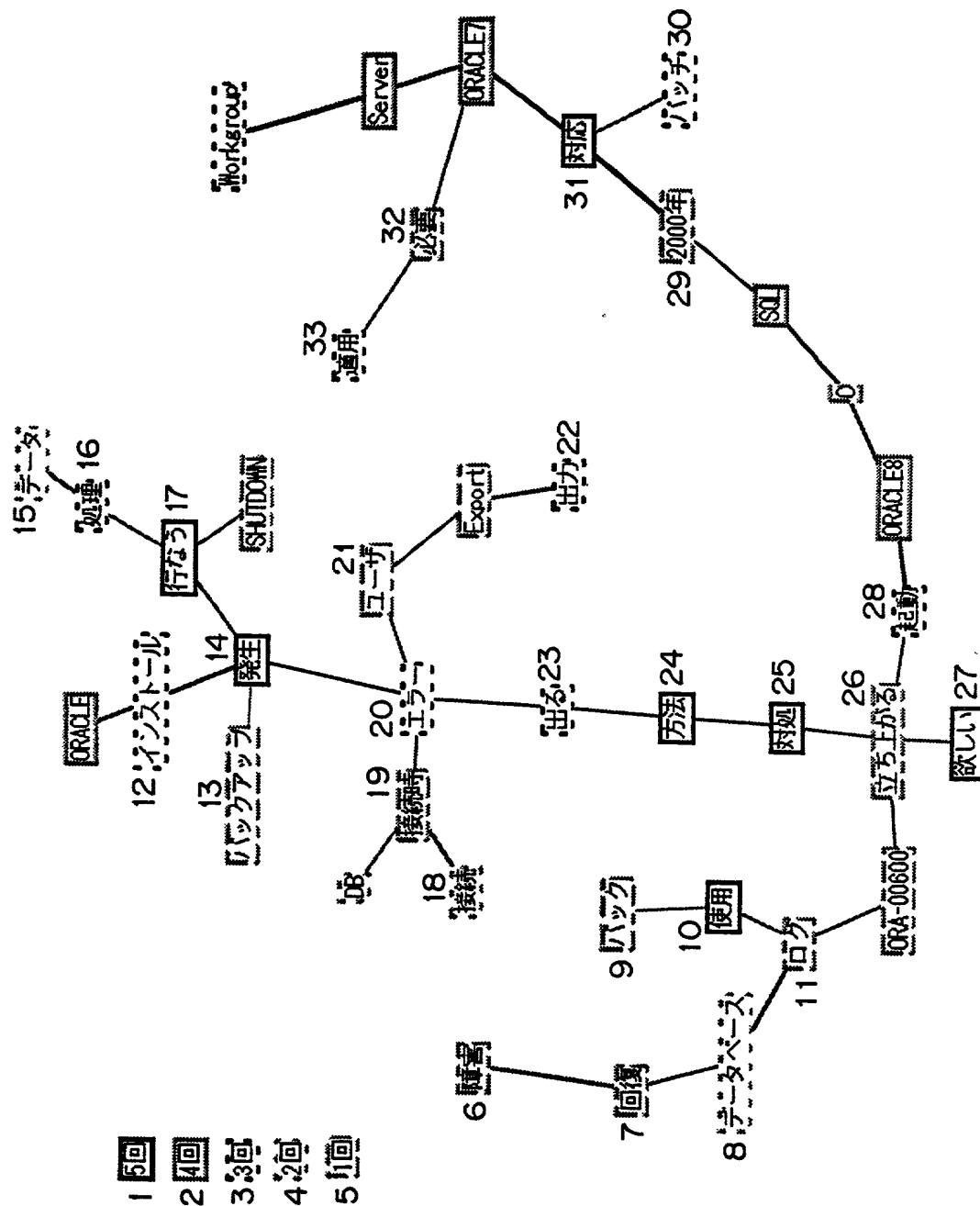


FIG. 23

FIG. 23

1. 5
2. 4
3. 3
4. 2
5. 1
6. FAILURE
7. RECOVERY
8. DATABASE
9. BACK
10. USE
11. LOG
12. INSTALL
13. BACKUP
14. OCCURRENCE
15. DATA
16. PROCESS
17. PERFORM
18. CONNECTION
19. TIME OF CONNECTION
20. ERROR
21. USER
22. OUTPUT
23. GO OUT
24. METHOD
25. COPE WITH
26. START UP
27. WANT
28. STARTUP
29. THE YEAR 2000
30. PATCH
31. DEAL WITH

32. NEED

33. APPLICATION

FIG. 24

1. METHOD
2. ERROR
3. COPE WITH
4. METHOD FOR ADDRESSING PROBLEM
5. CAUSE
6. OCCURRENCE
7. INSTALL
8. FOLDER
9. INCAPABLE
10. CAPABLE
11. VERSION
12. LEVEL
13. UP
14. PRODUCT
15. AUTHORITY
16. INDUSTRY
17. USE
18. PERFORM
19. CONNECTION
20. FILE
21. NAME
22. EXISTING
23. INSTANCE
24. 5
25. 4
26. 3
27. 2
28. 1

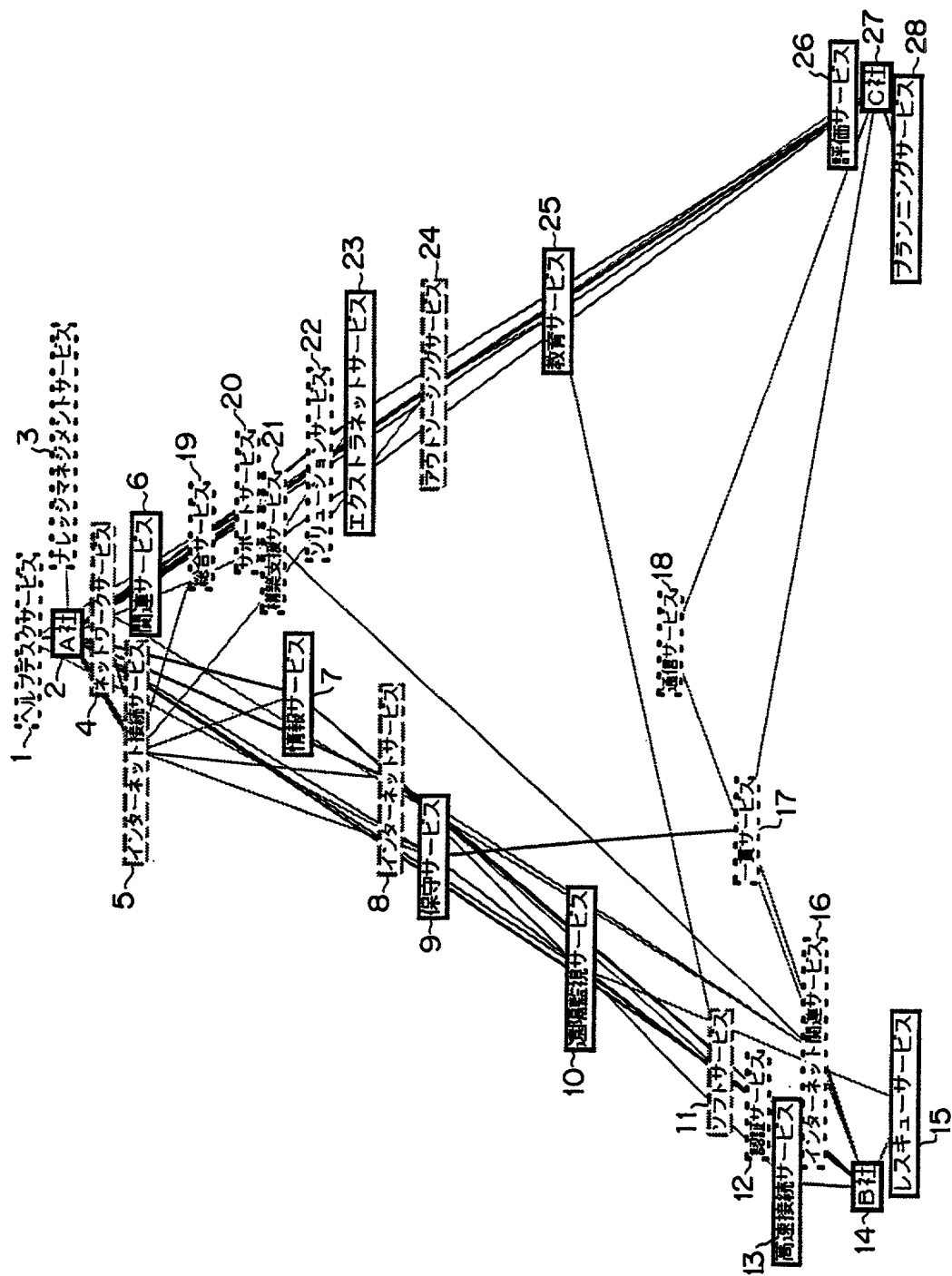


FIG. 25

FIG. 25

1. HELP-DESK SERVICE
2. A COMPANY
3. KNOWLEDGE MANAGEMENT SERVICE
4. NETWORK SERVICE
5. INTERNET ACCESS PROVIDING SERVICE
6. RELATED SERVICES
7. INFORMATION SERVICE
8. INTERNET SERVICE
9. MAINTENANCE SERVICE
10. REMOTE MONITORING SERVICE
11. SOFTWARE SERVICE
12. AUTHENTICATION SERVICE
13. HIGH-SPEED CONNECTION SERVICE
14. B COMPANY
15. RESCUE SERVICE
16. INTERNET RELATED SERVICES
17. CONSISTENT SERVICE
18. COMMUNICATIONS SERVICE
19. INTEGRATED SERVICE
20. SUPPORT SERVICE
21. CONSTRUCTION SUPPORT SERVICE
22. RESOLUTION SERVICE
23. EXTRANET SERVICE
24. OUTSOURCING SERVICE
25. EDUCATION SERVICE
26. EVALUATION SERVICE
27. C COMPANY
28. PLANNING SERVICE

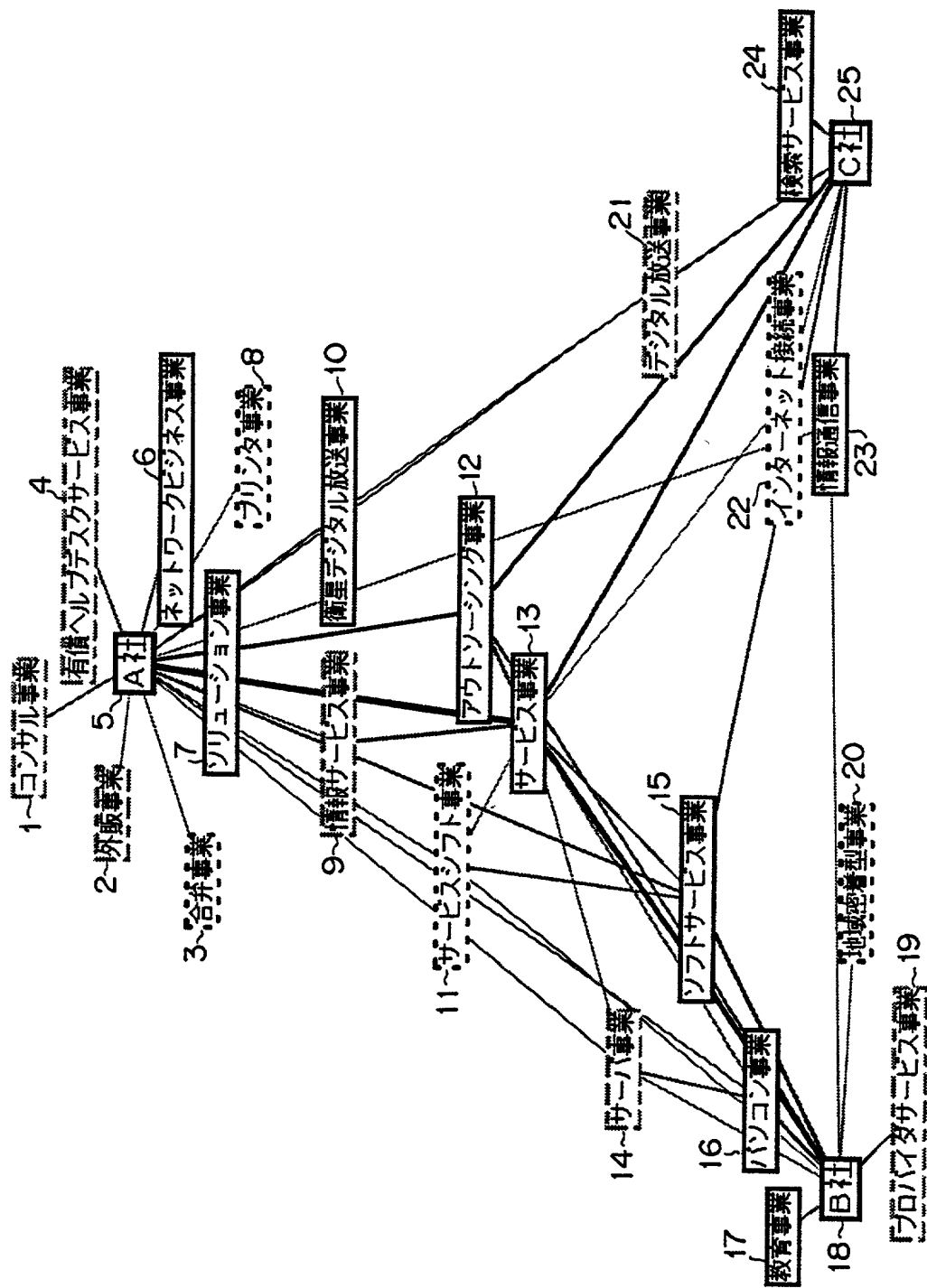


FIG. 26

FIG. 26

1. CONSULTING BUSINESS
2. SALES BUSINESS
3. JOINT VENTURE
4. NON-GRATUITOUS HELP DESK SERVICE BUSINESS
5. A COMPANY
6. NETWORK BUSINESS
7. SOLUTION BUSINESS
8. PRINTER BUSINESS
9. INFORMATION SERVICE BUSINESS
10. SATELLITE DIGITAL BROADCASTING BUSINESS
11. SERVICE SHIFT BUSINESS
12. OUTSOURCING BUSINESS
13. SERVICE BUSINESS
14. SERVER BUSINESS
15. SOFTWARE SERVICE BUSINESS
16. PERSONAL-COMPUTER BUSINESS
17. EDUCATION BUSINESS
18. B COMPANY
19. PROVIDING SERVICE BUSINESS
20. BUSINESS FIRMLY ROOTED IN REGION
21. DIGITAL BROADCASTING BUSINESS
22. INTERNET ACCESS PROVIDING BUSINESS
23. INFORMATION COMMUNICATIONS BUSINESS
24. RETRIEVAL SERVICE BUSINESS
25. C COMPANY

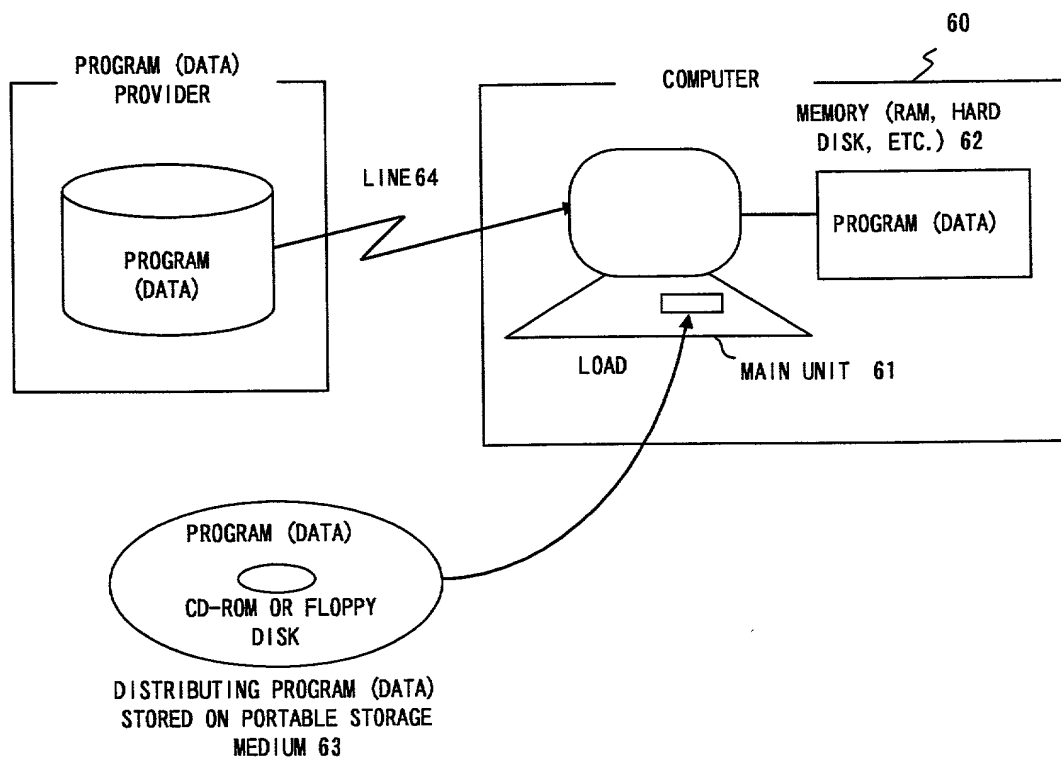


FIG. 27